

WHAT IS CLAIMED IS

1. A hybrid polyvalent munition device comprising
a nose
an active means portion for delivering active means, the active means being disposed in a region at least near the nose of the munition device,
an ALP portion having a terminal-ballistically operative casing and an inert pressure transmission medium within the casing, and
a pyrotechnic device between the active means portion and the ALP portion both for triggering the active means in the active means portion and also for building up a pressure field by way of the inert pressure transmission medium of the ALP portion.
2. A munition device as set forth in claim 1
wherein at least one of the active means portion and the ALP portion is in the form of a module.
3. A munition device as set forth in claim 1
wherein at least one of the active means portion and the ALP portion is in the form of an interchangeable module.
4. A munition device as set forth in claim 1
wherein the active means portion contains as the active means an explosive charge consisting of at least one of a blast charge, fragmentation charge, HC charge or P-charge and a combination thereof.
5. A munition device as set forth in claim 1 including
directional control means for the active means integrated therein.
6. A munition device as set forth in claim 5
wherein the directional control means of the active means is embodied by way of a shock wave guidance means.

7. A munition device as set forth in claim 5
wherein the directional control means comprises asymmetrical firing
of an acceleration charge.

8. A munition device as set forth in claim 5
wherein the directional control means comprises structural
segmentation.

9. A munition device as set forth in claim 1 including
directional control means in respect of fragments.

10. A munition device as set forth in claim 1 including
means for accelerating bodies from the group consisting of spherical,
cuboidal and cylindrically shaped bodies and fragments of equal and
different sizes of the same and different materials out of the active means
portion.

11. A munition device as set forth in claim 1 including
means for accelerating elements from the group consisting of plate-
shaped, ring-shaped, disk-shaped and surface elements of any contour out
of the active means portion at least predominantly in an axial direction.

12. A munition device as set forth in claim 4
wherein the active means are at least predominantly axially ejected
from a container means.

13. A munition device as set forth in claim 11
wherein said elements are embedded in a matrix.

14. A munition device as set forth in claim 11
wherein said elements are supported against each other upon
acceleration.

15. A munition device as set forth in claim 4
wherein the active means comprise at least one disk-shaped element which in operation is predominantly axially accelerated and which optionally contains reacting/pressure-producing intermediate layers.

16. A munition device as set forth in claim 1 including
a plurality of active means portions arranged in succession.

17. A munition device as set forth in claim 1 including
a plurality of active means portions arranged laterally.

18. A munition device as set forth in claim 1
wherein the pyrotechnic device comprises at least one pressure-producing element.

19. A munition device as set forth in claim 18
wherein the pressure-producing element of the pyrotechnic device is connected to at least one of a positionally controlled and time-controlled safety and firing system.

20. A munition device as set forth in claim 18 including
a plurality of said pressure-producing elements,
wherein the pressure-producing elements are actuated separately or are connected together by means of a signal transmission line, by means of fuse cord means or by way of a radio signal.

21. A munition device as set forth in claim 1 including
triggering means for triggering of the pyrotechnic device in at least one of the modes from a group consisting of a time-programmed fashion, contact means, mechanical means, optical means, electronic means, radio means and radar means.

22. A munition device as set forth in claim 21

wherein the triggering means upon launch or during the flight phase is triggerable by a signal from a group consisting of a time-controlled signal, a signal upon impact, a signal upon penetration and a signal in the interior of a target structure.

23. A munition device as set forth in claim 21 including

at least one of a target guidance system and a target recognition system for controlling the triggering means.

24. A munition device as set forth in claim 1 including

means for triggering the active means simultaneously.

25. A munition device as set forth in claim 1 including

means for triggering the active means in time-displaced relationship.

26. A munition device as set forth in claim 1

wherein the ALP portion is combined with a PELE portion.

27. A munition device as set forth in claim 1

wherein the ALP projection portion includes at least one central penetrator.

28. A munition device as set forth in claim 27

wherein a part of the penetrator represents a pure fragmentation component.

29. A munition device as set forth in claim 27

wherein the central penetrator is in the form of a separating radially segmented element.

30. A munition device as set forth in claim 1

wherein the terminal-ballistically operative casing of the ALP portion comprises a means from the group consisting of a homogeneous material, preformed fragments, submunitions and independently operative penetrators.

31. A munition device as set forth in claim 1 including different coverings provided over at least one of the periphery and the length.

32. A munition device as set forth in claim 1 and additionally including further operative portions from the group consisting of at least one of submunitions, fragment pockets, liquid active means and solid active means.

33. A munition device as set forth in claim 1 and further comprising at least one of a cylindrical penetrator, a core and a core nose comprising at least one material selected from the group consisting of steel, hard metal and heavy metal.

34. A munition device as set forth in claim 33 wherein the core has a shock-reducing cap.

35. A munition device as set forth in claim 33 wherein the core tip has a shock-reducing cap.

36. A munition device as set forth in claim 33 wherein said penetrator, core and core tip comprise a combination of different materials.

37. A munition device as set forth in claim 33 and further comprising a tip configuration selected from a stepped tip, an ogival tip and a conical tip.

38. A munition device as set forth in claim 34 and further comprising an external-ballistic hood.
39. A munition device as set forth in claim 37 including an axially leading active portion focussable by the nose.
40. A munition device as set forth in claim 1 including means for spin stabilisation thereof.
41. A munition device as set forth in claim 1 and including means for aerodynamic stabilisation thereof.
42. A munition device as set forth in claim 1 combined with an explosive projectile.
43. A munition device as set forth in claim 1 combined with a weight projectile comprising at least one of the materials selected from steel, heavy metal and hard metal.
44. A munition device as set forth in claim 43 wherein the weight projectile includes a self-destruct device.
45. A munition device as set forth in claim 33 wherein the module includes a self-destruct device.
46. A munition device as set forth in claim 1 combined with a guided system.
47. A munition device as set forth in claim 1 combined with a final phase-controlled system.
48. A munition device as set forth in claim 1 which includes

safety self-destruct means.

49. A munition device as set forth in claim 1 which is integrated into a missile.

50. A munition device as set forth in claim 1 which is integrated into a rocket.

51. A munition device as set forth in claim 1 adapted to be accelerated by means of a rocket drive.

52. A munition device as set forth in claim 1 adapted to be accelerated by means of a booster.

53. A munition device as set forth in claim 1 integrated into an underwater warhead.

54. A munition device as set forth in claim 1 integrated into a high-velocity torpedo.

55. An arrangement comprising at least one active component as set forth in claim 1 and adapted to be ejected from a system such as a penetrator, projectile, container, warhead and rocket.